

RECEIVED

NOV 14 2002

TECH CENTER 1600/2900

1600  
RUSH

RAW SEQUENCE LISTING

DATE: 11/05/2002

PATENT APPLICATION: US/09/362,731A

TIME: 14:52:14

Input Set : A:\St. Remy Sequence Listing.txt

Output Set: N:\CRF4\11052002\I362731A.raw

3 <110> APPLICANT: SAINT-REMY, Jean-Marie  
 4 JACQUEMIN, Marc  
 6 <120> TITLE OF INVENTION: COMPOUND AND METHOD FOR THE PREVENTION AND/OR THE TREATMENT  
 OF ALLERGY

8 &lt;130&gt; FILE REFERENCE: 99-0720\*/LC/01699

10 &lt;140&gt; CURRENT APPLICATION NUMBER: 09/362,731A

11 &lt;141&gt; CURRENT FILING DATE: 1999-07-29

13 &lt;160&gt; NUMBER OF SEQ ID NOS: 18

15 &lt;170&gt; SOFTWARE: PatentIn Version 2.1

17 &lt;210&gt; SEQ ID NO: 1

18 &lt;211&gt; LENGTH: 31

19 &lt;212&gt; TYPE: PRT

20 &lt;213&gt; ORGANISM: Artificial Sequence

22 &lt;220&gt; FEATURE:

23 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide

25 &lt;400&gt; SEQUENCE: 1

27 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu Gly

28 1 5 10 15

31 Gly His Glu Ile Lys Lys Val Leu Val Pro Gly Cys His Gly Ser

32 20 25 30

35 &lt;210&gt; SEQ ID NO: 2

36 &lt;211&gt; LENGTH: 14

37 &lt;212&gt; TYPE: PRT

38 &lt;213&gt; ORGANISM: Artificial Sequence

40 &lt;220&gt; FEATURE:

41 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide

43 &lt;400&gt; SEQUENCE: 2

45 His Glu Ile Lys Lys Val Leu Val Pro Gly Cys His Gly Ser

46 1 5 10

49 &lt;210&gt; SEQ ID NO: 3

50 &lt;211&gt; LENGTH: 137

51 &lt;212&gt; TYPE: PRT

52 &lt;213&gt; ORGANISM: Artificial Sequence

54 &lt;220&gt; FEATURE:

55 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide

57 &lt;400&gt; SEQUENCE: 3

59 Asp Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu

60 1 5 10 15

63 Gly Gly Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu

64 20 25 30

67 Leu Ser Ser Cys His Gly Ser Glu Pro Cys Ile Ile His Arg Gly Lys

68 35 40 45

71 Pro Phe Gly Gly Cys His Gly Ser Glu Pro Cys Ile Ile His Arg Gly

72 50 55 60

ENTERED

## RAW SEQUENCE LISTING

DATE: 11/05/2002

PATENT APPLICATION: US/09/362,731A

TIME: 14:52:14

Input Set : A:\St. Remy Sequence Listing.txt

Output Set: N:\CRF4\11052002\I362731A.raw

```

75 Lys Pro Phe Ser Ser Cys His Gly Ser Glu Pro Cys Ile Ile His Arg
76 65              70              75              80
79 Gly Lys Pro Phe Gly Gly Cys His Gly Ser Glu Pro Cys Ile Ile His
80              85              90              95
83 Arg Gly Lys Pro Phe Ser Ser Cys His Gly Ser Glu Pro Cys Ile Ile
84              100             105             110
87 His Arg Gly Lys Pro Phe Gly Gly Cys His Gly Ser Glu Pro Cys Ile
88              115             120             125

```

91 Ile His Arg Gly Lys Pro Phe Ser Arg

92 130 135

95 &lt;210&gt; SEQ ID NO: 4

96 &lt;211&gt; LENGTH: 40

97 &lt;212&gt; TYPE: PRT

98 &lt;213&gt; ORGANISM: Artificial Sequence

100 &lt;220&gt; FEATURE:

101 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide

103 &lt;400&gt; SEQUENCE: 4

105 Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr Gly Lys Lys

106 1 5 10 15

109 Gly Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr Gly Lys

110 20 25 30

113 Lys Gly Val Ile Ile Gly Ile Lys

114 35 40

117 &lt;210&gt; SEQ ID NO: 5

118 &lt;211&gt; LENGTH: 32

119 &lt;212&gt; TYPE: PRT

120 &lt;213&gt; ORGANISM: Artificial Sequence

122 &lt;220&gt; FEATURE:

123 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide

125 &lt;400&gt; SEQUENCE: 5

127 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu Gly

128 1 5 10 15

131 Gly Cys His Gly Ser Glu Pro Cys Asn Ile His Arg Gly Lys Pro Phe

132 20 25 30

135 &lt;210&gt; SEQ ID NO: 6

136 &lt;211&gt; LENGTH: 175

137 &lt;212&gt; TYPE: DNA

138 &lt;213&gt; ORGANISM: Artificial Sequence

140 &lt;220&gt; FEATURE:

141 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic nucleotidic  
sequence

143 &lt;400&gt; SEQUENCE: 6

144 gaattccac catggatcag tatataaaag caaattctaa atttataggt ataactgaac 60

146 taggaggttg ccatggttca gaaccatgta tcattcatcg tggtaaacca ttcggcggtt 120

148 gtcacggaag tgagccttgc attatacaca gaggaaagcc gttctaagcg gccgc 175

151 &lt;210&gt; SEQ ID NO: 7

152 &lt;211&gt; LENGTH: 53

153 &lt;212&gt; TYPE: DNA

154 &lt;213&gt; ORGANISM: Artificial Sequence

156 &lt;220&gt; FEATURE:

## RAW SEQUENCE LISTING

DATE: 11/05/2002

PATENT APPLICATION: US/09/362,731A

TIME: 14:52:14

Input Set : A:\St. Remy Sequence Listing.txt

Output Set: N:\CRF4\11052002\I362731A.raw

```

157 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
159 <400> SEQUENCE: 7
160 gtatctctcg agaaaagaga tcaatacatt aaggctaaca gtaagttcat tgg      53
163 <210> SEQ ID NO: 8
164 <211> LENGTH: 99
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
171 <400> SEQUENCE: 8
172 aaacagcctc tagagagttc ggtaatgccg ataaactttg aattggcttt gatgtactga      60
174 ccgccaagct ctgtgattcc aatgaactta ctgttagcc      99
177 <210> SEQ ID NO: 9
178 <211> LENGTH: 103
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
185 <400> SEQUENCE: 9
186 gtatctacta gttgccatgg ttcagaacca tgtatcattc atcgtggtaa accattcggc      60
188 ggttgctcag gaagtgaacc ttgcattata cacagaggaa agc      103
191 <210> SEQ ID NO: 10
192 <211> LENGTH: 51
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
199 <400> SEQUENCE: 10
200 cgtatgtgtc gaccgctat ctagagaacg gctttcctct gtgtataatg c      51
203 <210> SEQ ID NO: 11
204 <211> LENGTH: 103
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
211 <400> SEQUENCE: 11
212 ccggaattcc caccatggat cagtatataa aagcaaattc taaatttata ggtataactg      60
214 aactaggagg ttgccatggt tcagaacat gtatcattca tcg      103
217 <210> SEQ ID NO: 12
218 <211> LENGTH: 105
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
225 <400> SEQUENCE: 12
226 tcgagcggcc gcttagaacg gctttcctct gtgtataatg caaggctcac ttccgtgaca      60
228 accgccgaat ggttaccac gatgaatgat acatggttct gaacc      105
231 <210> SEQ ID NO: 13
232 <211> LENGTH: 15

```

## RAW SEQUENCE LISTING

DATE: 11/05/2002

PATENT APPLICATION: US/09/362,731A

TIME: 14:52:14

Input Set : A:\St. Remy Sequence Listing.txt

Output Set: N:\CRF4\11052002\I362731A.raw

```

233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
239 <400> SEQUENCE: 13
241 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu
242   1             5             10             15
245 <210> SEQ ID NO: 14
246 <211> LENGTH: 15
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
253 <400> SEQUENCE: 14
255 Cys His Gly Ser Glu Pro Cys Asn Ile His Arg Gly Lys Pro Phe
256   1             5             10             15
259 <210> SEQ ID NO: 15
260 <211> LENGTH: 11
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
267 <400> SEQUENCE: 15
269 Thr Ala Gly Gly Cys Gly Gly Cys Gly Cys
270   1             5             10
273 <210> SEQ ID NO: 16
274 <211> LENGTH: 15
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: KOZAK sequence
281 <400> SEQUENCE: 16
282 gaattccac catgg                                     15
285 <210> SEQ ID NO: 17
286 <211> LENGTH: 11
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Sequence containing stop
codon and NotI restriction site
293 <400> SEQUENCE: 17
294 taggcggccg c                                     11
296 <210> SEQ ID NO: 18
297 <211> LENGTH: 13
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide
304 <400> SEQUENCE: 18
306 Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr

```

RAW SEQUENCE LISTING

DATE: 11/05/2002

PATENT APPLICATION: US/09/362,731A

TIME: 14:52:14

Input Set : A:\St. Remy Sequence Listing.txt

Output Set: N:\CRF4\11052002\I362731A.raw

307 1

5

10

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/05/2002  
PATENT APPLICATION: US/09/362,731A      TIME: 14:52:15

Input Set : A:\St. Remy Sequence Listing.txt  
Output Set: N:\CRF4\11052002\I362731A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:17; Line(s) 291

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/362,731A

DATE: 11/05/2002

TIME: 14:52:15

Input Set : A:\St. Remy Sequence Listing.txt

Output Set: N:\CRF4\11052002\I362731A.raw